

STANDARD NO. FN-2

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| REVISION DATE |
| 7-13-01 |
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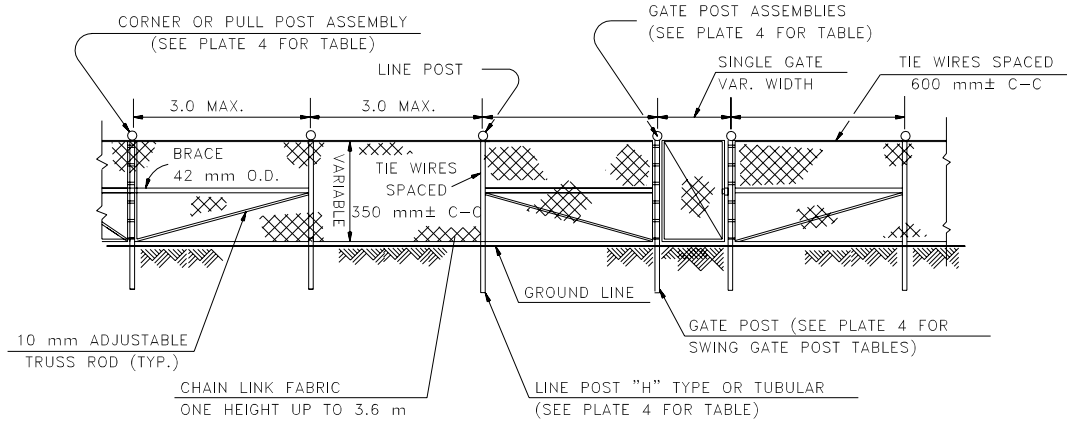
*.DGN FILE NAME
FN-2

METRIC
STANDARD PLANS

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.



STANDARD NO. FN-2



ELEVATION

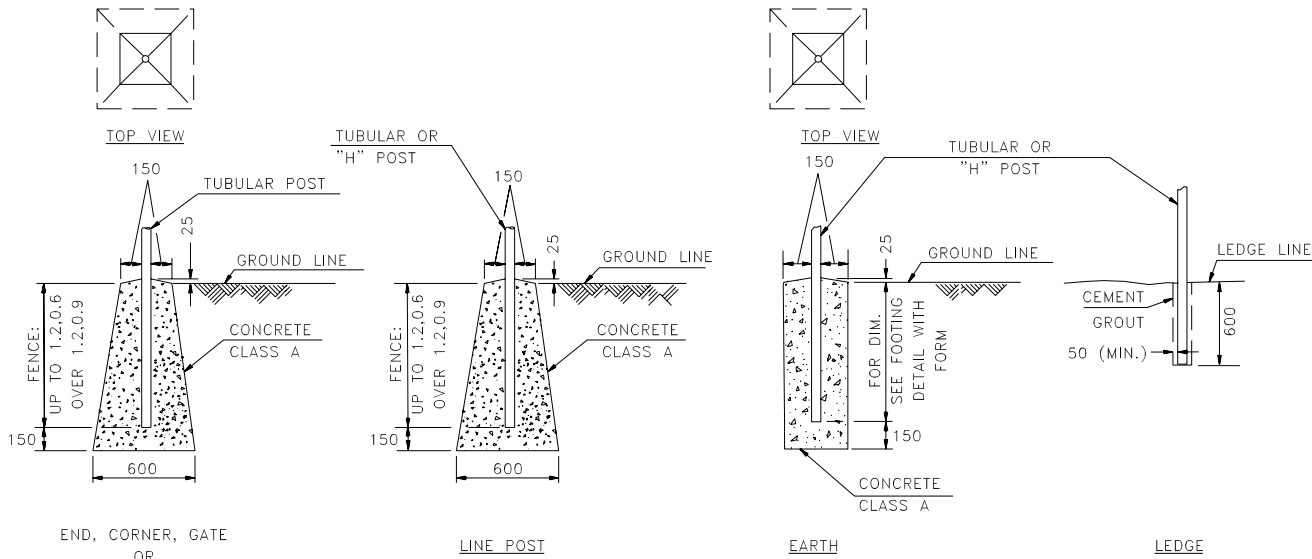
GENERAL NOTES

1. ALL END POSTS SHALL HAVE ONE BRACE. (SEE DETAIL PLATE 2).
2. ALL CORNER AND INTERMEDIATE BRACE OR PULL POSTS SHALL HAVE TWO BRACES.
3. POST FOOTING DETAILS ARE SHOWN IN PLATE 3. FOR FENCE ERECTION ON THE RIGHT-OF-WAY LINE, SEE PLATE 3 OF STD. NO. FN-1.
4. FENCE DETAILS ARE FOR STEEL OR ALUMINUM FENCING. FOR ADDITIONAL DETAILS AND NOTES, SEE PLATES 2,3,& 4.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS.
WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL
NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

NHDOT STANDARD PLANS
CHAIN LINK FENCE

| | |
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| REV. DATE | PLATE 1 |
| | STANDARD FN-2 |



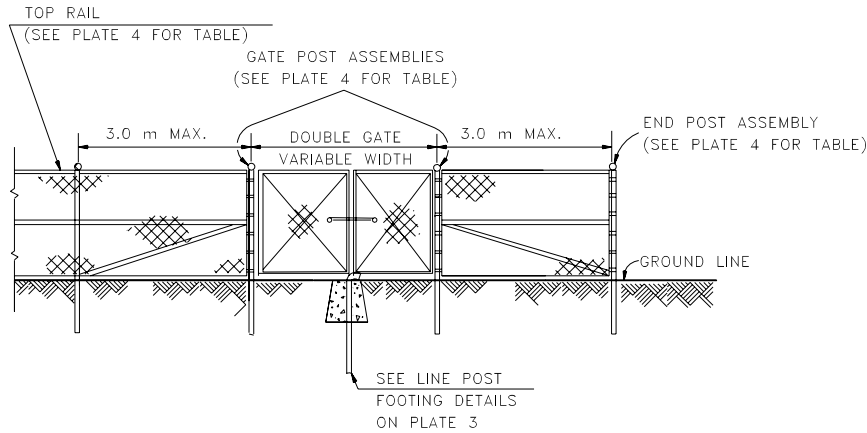
GENERAL NOTES

1. WHERE GROUND CONDITION PERMITS, FORMS FOR FOOTINGS WILL NOT BE REQUIRED.
2. ALUMINUM POSTS IN CONCRETE SHALL HAVE A PROTECTIVE COATING - 607.2.6

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NHDOT STANDARD PLANS
CHAIN LINK FENCE

| | |
|-----------|------------------|
| REV. DATE | PLATE 3 |
| | STANDARD FN-2 |



ELEVATION

GENERAL NOTES

1. FOR ADDITIONAL DETAILS AND NOTES SEE PLATES 1, 3 & 4.

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NHDOT STANDARD PLANS
CHAIN LINK FENCE

| | |
|-----------|------------------|
| REV. DATE | PLATE 2 |
| | STANDARD FN-2 |

| FENCE HEIGHT (m) | TUBULAR | | | |
|------------------|------------|------|------------|------|
| | ROUND | kg/m | SQUARE | kg/m |
| STEEL | | | | |
| UP TO 1.8 | 60 mm O.D. | 5.43 | 50 x 50 mm | 5.36 |
| OVER 1.8 | 72 mm O.D. | 8.62 | 63 x 63 mm | 8.48 |
| ALUMINUM | | | | |
| UP TO 3.6 | 72 mm O.D. | 2.98 | 75 x 75 mm | 2.62 |

| TOP RAILS | | | LINE POSTS | | | | |
|---------------------|------------|------|---------------------|------------|------|------------|------|
| FENCE HEIGHT (m) | ROUND | kg/m | FENCE HEIGHT (m) | TUBULAR | | "H" TYPE | |
| | | | | ROUND | kg/m | H | kg/m |
| STEEL | | | STEEL | | | | |
| ALL | 42 mm O.D. | 3.38 | UP TO 1.8 | 48 mm O.D. | 4.05 | 47 x 41 mm | 4.02 |
| | | | OVER 1.8 | 60 mm O.D. | 5.43 | 56 x 49 mm | 6.10 |
| ALUMINUM | | | ALUMINUM | | | | |
| UP TO 3.6 | 42 mm O.D. | 1.17 | UP TO 3.6 | 60 mm O.D. | 1.88 | 56 x 49 mm | 1.83 |

| STEEL SWING GATE AND POST TABLE | | | | | | |
|---------------------------------|-----------------|------------------|---------------------|-------|------------|-------|
| TYPE | GATE OPENING | | GATE POST (TUBULAR) | | | |
| | SINGLE | DOUBLE | ROUND | kg/m | SQUARE | kg/m |
| A | UP TO 1.8 | UP TO 3.6 | 72 mm O.D. | 8.62 | 63 x 63 mm | 8.48 |
| B | OVER 1.8 TO 3.9 | OVER 3.6 TO 7.8 | 100 mm O.D. | 13.56 | 75 x 75 mm | 11.24 |
| C | OVER 3.9 TO 5.4 | OVER 7.8 TO 10.8 | 166 mm O.D. | 28.23 | - | - |
| D | OVER 5.4 | OVER 10.8 | 216 mm O.D. | 42.49 | - | - |
| GATE FRAME | UP TO 1.8 | | 42 mm O.D. | 3.38 | 38 x 38 mm | 2.83 |
| | OVER 1.8 | | 48 mm O.D. | 4.05 | 50 x 50 mm | 4.05 |

| ALUMINUM SWING GATE AND POST TABLE | | | | | | |
|------------------------------------|-----------------|-------------------|---------------------|-------|------------|------|
| TYPE | GATE OPENING | | GATE POST (TUBULAR) | | | |
| | SINGLE | DOUBLE ROUND | ROUND | kg/m | SQUARE | kg/m |
| A - A | UP TO 1.8 | UP TO 3.6 | 72 mm O.D. | 2.98 | 75 x 75 mm | 2.62 |
| B - A | OVER 1.8 TO 3.6 | OVER 3.6 TO 7.2 | 100 mm O.D. | 4.69 | - | - |
| C - A | OVER 3.6 TO 5.4 | OVER 7.2 TO 10.8 | 166 mm O.D. | 9.77 | - | - |
| D - A | OVER 5.4 TO 9.6 | OVER 10.8 TO 13.2 | 216 mm O.D. | 14.70 | - | - |
| GATE FRAME ALL | | | 48 mm O.D. | 1.40 | 50 x 50 mm | 1.67 |

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NHDOT STANDARD PLANS
POSTS FOR
CHAIN LINK FENCE

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|-----------|------------------|
| REV. DATE | PLATE 4 |
| | STANDARD FN-2 |

STANDARD NO. FN-2

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| 7-13-01 |
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